



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE

RECEIVED

By Carol Day at 8:38 am, Aug 04, 2015

Complete this report in duplicate at the time of the regular monthly preventative maintenance check and instrument adjustment is required. Send copy to Department of Health and Senior Services; retain original in department.

ALCO SENSOR IV SN
030791

PRINTER SN
84.9324.152

DATE OF INSPECTION
08/03/2015

LOCATION OF INSTRUMENT (STREET AND CITY)
Hazelwood PD BAT VEHICLE

TIME OF INSPECTION
9:33 am

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION

☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Laboratories Inc. LOT # 14220 EXP. DATE 09/24/2016

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2742 SIMULATOR EXP DATE 11/20/2015

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 • .097

TEST 2 • .096

TEST 3 • .095

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 0 (0-.04) 0 (.05-.09) 0 (.10-.14) 0 (.15-.19) 0 (OVER .19) 0

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Simulator solution bottle number 1074

INSPECTING OFFICER

SIGNATURE

[Signature]

PRINT NAME

Anthony Kristo

TYPE II PERMIT NUMBER/EXPIRATION DATE

230269, 11-26-2015

TELEPHONE NUMBER

(314) 838-5000

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

890 NORTH 87th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 2016 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN08051301 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00093

Temp Date Time 210L
UID: RFI
12 08/03/15 09:37

Subject Name
Test
Subject I.D.

Operator Name, I.D.
Kasb 230269
Location
Harwood BAY

Vehicles

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00092

Temp Date Time 210L
Air Blank:
08/03/15 09:36 .000
Calibration Check:
23 08/03/15 09:36 .095

Subject Name
Test
Subject I.D.

Operator Name, I.D.
Kasb 230269
Location
Harwood BAY

Vehicles

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00091

Temp Date Time 210L
Air Blank:
08/03/15 09:34 .000
Calibration Check:
23 08/03/15 09:34 .096

Subject Name
Test
Subject I.D.

Operator Name, I.D.
Kasb 230269
Location
Harwood BAY

Vehicles

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00090

Temp Date Time 210L
Air Blank:
08/03/15 09:33 .000
Calibration Check:
22 08/03/15 09:33 .097

Subject Name
Test
Subject I.D.

Operator Name, I.D.
Kasb 230269
Location
Harwood BAY

Vehicles



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

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PERMIT
TYPE II
ANTHONY T KRISTO

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

DATAMASTER, INTOX EC/IR II, ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 11/26/2013

NUMBER 230269

EXPIRES 11/26/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580 0771 (6-10)

LAB-4 (R6-10)

	STATE OF MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES BREATH ALCOHOL PROGRAM
	INSTRUMENT OPERATOR CARD
<small>The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.</small>	
Operator KRISTO, ANTHONY Permit No 230269 Date Issued 11/26/2013 Date Expires 11/26/2015	



Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations:
19 CSR 25-30.051 (4).

Checked: 11/20/2014 Expires: 11/20/2015
MSC Tech: DRL
Temp: 33.96 Digital Therm. SN: 093767
Agency: Hazelwood Police Department

SD 2742



Technician Printed Name: _____

DAN Lucas

Technician Signature: _____

[Handwritten Signature]

Date: _____

11/20/2014

Contact: Missouri Safety Center

Breath-Alcohol Instrument Training Program

660-543-4834